

# Xubin Ye

## List of Publications by Year in descending order

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22  
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Sequential Spin State Transition and Intermetallic Charge Transfer in $\text{PbCoO}_3$ . Journal of the American Chemical Society, 2020, 142, 5731-5741.	13.7	35
2	Observation of novel charge ordering and spin reorientation in perovskite oxide $\text{PbFeO}_3$ . Nature Communications, 2021, 12, 1917.	12.8	17
3	Realization of a Half Metal with a Record High Curie Temperature in Perovskite Oxides. Advanced Materials, 2022, 34, e2200626.	21.0	16
4	High-pressure synthesis and spin glass behavior of a Mn/Ir disordered quadruple perovskite $\text{CaCu}_3\text{Mn}_2\text{Ir}_2\text{O}_{12}$ . Journal of Physics Condensed Matter, 2020, 32, 075701.	1.8	15
5	Near-Room-Temperature Ferrimagnetic Ordering in a B-Site-Disordered 3d <sup>5</sup> -Hybridized Quadruple Perovskite Oxide, $\text{CaCu}_3\text{Mn}_2\text{Os}_2\text{O}_{12}$ . Inorganic Chemistry, 2019, 58, 15529-15535.	4.0	14
6	Quadruple perovskite oxide $\text{LaCu}_3\text{Co}_2\text{Re}_2\text{O}_{12}$ : A ferrimagnetic half metal with nearly 100% B-site degree of order. Applied Physics Letters, 2020, 117, . <a href="#">Observation of <math>\text{CaCu}_3\text{Mn}_2\text{Os}_2\text{O}_{12}</math></a>	3.3	14
7	<a href="#">Antiferromagnetic and B-site ferrimagnetic orderings in the quadruple perovskite oxide <math>\text{CaCu}_3\text{Mn}_2\text{Os}_2\text{O}_{12}</math></a> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi></mml:mrow></mml:math>-site antiferromagnetic and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi></mml:mrow></mml:math>-site ferrimagnetic orderings in the quadruple perovskite oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ca</mml:mi><mml:msub><mml:mi>Cu</mml:mi><mml:mi>Mn</mml:mi></mml:msub></mml:mrow></mml:math>	3.2	12
8	Emergent physical properties of perovskite-type oxides prepared under high pressure. Dalton Transactions, 2022, 51, 1745-1753.	3.3	12
9	$\text{CaCu}_3\text{Ir}_4\text{O}_{12}$ Intersite Cooperation-Enhanced Water Splitting in Quadruple Perovskite Oxide $\text{CaCu}_3\text{Ir}_4\text{O}_{12}$ . Chemistry of Materials, 2021, 33, 9295-9305.	6.7	11
10	Magnetic and electric field dependent anisotropic magnetoelectric multiferroicity in $\text{SmMn}_9\text{O}_{12}$ . Physical Review B, 2021, 104, . xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>C</mml:mi></mml:mrow></mml:math>	3.2	9
11	$\text{CaCu}_3\text{Mn}_2\text{Os}_2\text{O}_{12}$ High-Pressure Synthesis and Magnetism of the $4\text{H}$ - $\text{BaMnO}_3$ Single Crystal and Its $6\text{H}$ -Type Polymorph. Inorganic Chemistry, 2021, 60, 16308-16315.	3.2	8
12	High-Pressure Synthesis and Magnetism of the $4\text{H}$ - $\text{BaMnO}_3$ Single Crystal and Its $6\text{H}$ -Type Polymorph. Inorganic Chemistry, 2021, 60, 16308-16315.	4.0	8
13	High-temperature ferromagnetic semiconductor with a field-tunable green fluorescent effect. NPG Asia Materials, 2020, 12, .	7.9	7
14	Multiple magnetic transitions and electrical transport transformation of a $\text{BaFe}_3\text{O}_7$ cubic perovskite single crystal. Physical Review B, 2020, 101, .	3.2	7
15	Large magnetic entropy change in weberite-type oxides $\text{Gd}_3\text{MO}_7$ (M = Nb, Sb, and Ta). Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	6
16	Physical realization of topological Roman surface by spin-induced ferroelectric polarization in cubic lattice. Nature Communications, 2022, 13, 2373.	12.8	6
17	High-Pressure Synthesis of Two Polymorphic $\text{HgMnO}_3$ Phases and Distinct Magnetism from 2D to 3D. Inorganic Chemistry, 2020, 59, 3887-3893.	4.0	5
18	High-Pressure Synthesis of a B-site $\text{Co}^{2+}/\text{Mn}^{4+}$ Disordered Quadruple Perovskite $\text{LaMn}_3\text{Co}_2\text{Mn}_2\text{O}_{12}$ . Inorganic Chemistry, 2020, 59, 12445-12452.	4.0	4

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19	Os Doping Suppressed Cu <sup>2+</sup> /Fe Charge Transfer and Induced Structural and Magnetic Phase Transitions in LaCu <sub>3</sub> Fe <sub>4</sub> O <sub>12</sub> (x = 1 and) Tj E <sub>Q</sub> 1 1 0.384314	10.784314	1
20	Suppression of magnetoelectric effects in DyCrO <sub>4</sub> by chemical doping. Applied Physics Letters, 2020, 116, 052901.	3.3	2
21	Enhancement of A-site Mn <sup>3+</sup> spin ordering by B-site Mn <sup>4+</sup> substitution in quadruple perovskite PbMn <sub>3</sub> Cr <sub>3</sub> MnO <sub>12</sub> . Applied Physics Letters, 2021, 118, 262403.	3.3	1
22	tuned magnetism and electrical transport properties in the transition-metal-only perovskite oxide	3.3	1